



IMAGINE
2856

Practitioner's Docket No. 1012-174(2002-063)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Oleg Kolosov, Leonid Matsiev

Application No.: 10/663,141

Group No.: 2856

Filed: September 16, 2003

Examiner: Unknown

For: HIGH THROUGHPUT RHEOLOGICAL TESTING OF MATERIALS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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Applicants submit this statement in accordance with their duty of disclosure under 37 CFR 1.56 and 1.97-1.98. The submission made herewith is in no way intended as an admission that the cited items constitute material prior art or otherwise would render the claims unpatentable in any way. The submission also is in no way intended to substitute for the Examiner's own independent investigation.

Copies of foreign patent documents and non-patent literature together with a listing on forms PTO/SB/08A and PTO/SB/08B are submitted herewith. Copies of cited U.S. patents and U.S. patent application publications have not been provided due to the waiver of the requirement under 37 CFR 1.98 (a)(2)(i). Applicants respectfully solicit

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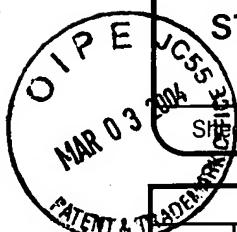
Date: 3 - 3 - 04



A handwritten signature in black ink, appearing to read "Scott Chapple".

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of

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Complete if Known

Application Number	10/663,141
Filing Date	09/16/2003
First Named Inventor	Kolosov
Group Art Unit	2856
Examiner Name	Unknown

Attorney Docket Number 1012-174

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		1,870,412		H.T. Kennedy	08/09/1932	
		3,071,961		J. J. Heigl et al.	01/08/1963	
		3,675,475		Weinstein	07/11/1972	
		3,713,328		Aritomi	01/30/1973	
		3,798,960		Glass	03/26/1974	
		3,805,598		Corcoran	04/23/1974	
		3,818,751		Karper et al.	06/25/1974	
		3,849,874		Jeffers	11/26/1974	
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		3,908,441		Virloget	09/30/1975	
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		4,229,979		Greenwood	10/28/1980	
		4,447,125		Lazay et al.	05/08/1984	
		4,517,830		Gunn, deceased et al.	05/21/1985	
		4,567,774		Manahan et al.	02/04/1986	
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		4,599,219		Cooper et al.	07/08/1986	
		4,602,501		Hirata	07/29/1986	
		4,605,589		Orphanides	08/12/1986	
		4,680,958		Ruelle et al.	07/21/1987	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		WO 96/11878		Reg. of the Univ. of Calif.	04/25/1996		
		WO 98/15501		Symyx Technologies	04/16/1998		
		WO 99/18431		Symyx Technologies	04/15/1999		
		WO 00/17413		Symyx Technologies	03/30/2000		
		WO 00/23921		Symyx Technologies, Inc.	04/27/2000		
		WO 00/36410 A1		Symyx Technologies, Inc.	06/22/2000		
		WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
		WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
		WO 00/67086		Symyx Technologies, Inc.	11/09/2000		
		EP 1 158 290 A2		Symyx Technologies, Inc.	11/28/2001		

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		Filing Date	09/16/2003
		First Named Inventor	Kolosov
		Group Art Unit	2856
		Examiner Name	Unknown
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	4,685,328			Huebner et al.	08/11/1987	
	4,699,000			Lashmore et al.	10/13/1987	
	4,715,007			Fujita et al.	12/22/1987	
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	5,142,900			Duke	09/01/1992	
	5,193,383			Burnham et al.	03/16/1993	
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				First Named Inventor	Kolosov
				Group Art Unit	2856
				Examiner Name	Unknown
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		Number	Kind Code ² (if known)			
		5,269,190		Kramer et al.	12/14/1993	
		5,271,266		Eschbach	12/21/1993	
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		5,610,325		Rajagopal et al.	03/11/1997	
		5,626,779		Okada	05/06/1997	
		5,699,159		Mason	12/16/1997	
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		5,723,792		Miyazaki	03/03/1998	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/663,141
		Filing Date	09/16/2003
		First Named Inventor	Kolosov
		Group Art Unit	2856
		Examiner Name	Unknown
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		Attorney Docket Number	

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		Number	Kind Code ² (if known)			
		5,728,532		Ackley	03/17/1998	
		5,756,883		Forbes	05/26/1998	
		5,764,068		Katz et al.	06/09/1998	
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		6,030,917		Weinberg et al.	02/29/2000	
		6,033,913		Morozov et al.	03/07/2000	
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		6,034,775		McFarland et al.	03/07/2000	

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		Number	Kind Code ² (if known)			
	6,040,193			Winkler et al.	03/21/2000	
	6,043,317			Mumick et al.	03/28/2000	
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	6,092,414			Newman	07/25/2000	
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	6,242,623			Boussie et al.	06/05/2001	
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	6,336,353			Matsiev et al.	01/08/2002	
	6,371,640			Hajduk et al.	04/16/2002	
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	6,541,271			McFarland et al.	04/01/2003	
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First Named Inventor

Oleg Kolosov

Art Unit

2856

Examiner Name

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		Number-Kind Code ² (if known)			
		US- 6,535,284	03/18/2003	Carlson et al.	
		US- 6,690,179	02/10/2004	Hajduk et al.	
		US- 6,650,102	11/18/2003	Hajduk	
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		US- 5,279,149	01/18/1994	Williams et al.	
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		US- 5,365,776	11/22/1994	Lehmann et al.	
		US- 2003/0041672	03/06/2003	Hajduk et al.	
		US- 2003/0037620	02/27/2003	Mansky	
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		US- 2003/0037601	02/27/2003	Mansky et al.	
		US- 2003/0203500	10/30/2003	Carlson et al.	
		US- 2003/0097871	05/29/2003	Manksy	
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Substitute for form 1449B/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/663,141
(use as many sheets as necessary)			Filing Date	09/16/2003
Sheet 1 of 0			First Named Inventor	Kolosov
			Group Art Unit	2856
			Examiner Name	Unknown
			Attorney Docket Number	1012-174

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		U.S. Application Serial No. 09/420,334 entitled " Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999
		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000
		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999
		U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999
		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000
		The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.
		The family of applications for U.S. Application Serial No. 09/156,827 entitled "Formation of Combinatorial Arrays of Materials Using Solution-Based Methodologies" (Giaquinta et al.) filed September 18, 1998
		U.S. Provisional Patent Application Serial No. 60/371,357 filed on April 10, 2002.
		U.S. Application Serial No. 10/274,184 filed October 18, 2002

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		ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)
		YOUNG, W.C., Roark's Formulas for Stress and Stain, 1989
		TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940
		OSTERBERG, Peter M. and Stephen D. Senturia, "M-TEST: A Test Chip for MEMS Material Property Measurement Using Electrostatically Actuated Test Structures," Journal of Microelectromechanical Systems, Vol. 6, No. 2, June 1997
		KIM, J.O. and B. Lewis Slaten, "Objective Assessment of Fabric Handle in Fabrics Treated With Flame Retardants," Journal of Testing and Evaluation, JTEVA, Vol. 24, No. 4, July 1996, pp. 223-228.
		GROVER, G. et al., "A Screening Technique for Fabric Handle", J. Text. Inst., 1993, 84 No. J. Textile Institute, pp. 486-494.
		PAN, NING and K.C. Yen, "Physical Interpretations of Curves Obtained Through the Fabric Extraction Process for Handle Measurement," Textile Research Journal 62(5), pp. 279-290 (1992).
		"Handle-O-Meter", Thwing-Albert Instrument Company, Philadelphia, PA.
		RAEEL, MASTURA and Jiang Liu, "An Empirical Model for Fabric Hand" Textile Research Journal 62, 1, pp. 31-38 (1991).
		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).

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		"DMA 2980 Dynamic Mechanical Analyer," http://www.tainst.com/dma2.html , 12/29/00	
		"Introducing the NEW DMTA V!", http://www.rheometricscientific.com/dmtaV.htm , 12/29/00	
		"Standard Test Method for Rubber Property-International Hardness," American Society for Testing and Materials	
		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Properties of Thin Polyimide Films" pp. 647-668	
		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
		European Search Report dated December 10, 2001	

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